

**Abstract of Disclosure**

A high reliability radiation shielding integrated circuit device comprising a plurality of package layers; a  
5 radiation shielding lid or base coupled to the plurality of  
package layers; wherein the circuit die are shielded from  
receiving an amount of radiation greater than the total  
dose tolerance of the circuit die. An integrated circuit  
device for use in high reliability applications. The  
10 integrated circuit device is designed to be highly reliable  
and protect integrated circuit die from failing or becoming  
unreliable due to radiation, mechanical forces, thermal  
exposure, or chemical contaminates.

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